Form PTO-948 (Rev. 06/03) Application No.\_\_\_\_

09/176620

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

1. DDAWINGS 22 CED 1 04(-). A	0.455.4405.455.55
1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Color (3 sets required).	Words do not appear on a horizontal, left-to-right
Color drawings are not acceptable until petition is	fashion when page is either upright or turned so
granted. Fig(s)	that the top becomes the right side, except for graphs. Fig(s)
Pencil and non black ink not permitted. Fig(s)	9. SCALE. 37 CFR 1.84(k)
2. PHOTOGRAPHS. 37 CFR 1.84(b)	Scale not large enough to show mechanism
One (1) full-tone set is required. Fig(s)	without crowding when drawing is reduced in
Photographs may not be mounted. 37 CFR 1.84(c)	size to two-thirds in reproduction.
Photographs must meet paper size requirements of	Fig(s)
37 CFR 1.84(f). Fig(s)	10. CHARACTER OF LINES, NUMBERS, &
Poor quality (half-tone). Fig(s)	<b>DETTERS.</b> 37 CFR 1.84(1)
3. TYPE OF PAPER. 37 CFR 1.84(e)	Lines, numbers & letters not uniformly thick and
Paper not flexible, strong, white, and durable.	well defined, cleap, durable, and black (poor line
Fig(s)	quality). Fig(s)
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.	11. SHADING. 37 CFR 1.84(m)
Fig(s)	Solid black areas pale. Fig(s)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable	Solid black shading not permitted. Fig(s)
sizes:	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
21.0 cm by 29.7 cm (DIN size A4) or	Numbers and reference characters not plain and
21.6 cm by 27.9 cm (8 1/2x 11 inches)	legible. Fig(s)
All drawing sheets not the same size.	Figure legends are poor. Fig(s)
Sheet(s)	Numbers and reference characters not oriented in
Drawings sheets not an acceptable size. Fig(s)	the same direction as the view. 37 CFR 1.84(p)(
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used. 37 CFR 1.84(p)(2)
Margins not acceptable. Fig(s)	Fig(s)
Top (T) Left (L)	Numbers, letters and reference characters must be
Right (R) Bottom (B)	at least 32 cm (1/8 inch) in height. 37 CFR
6. VIEWS. 37 CFR 1.84(h)	1.84(p)(3). Fig(s)
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is	13. LEAD LINES. 37 CFR 1.84(q)
changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the	Lead lines missing. Fig(s)  14. NUMBERING OF SHEETS OF DRAWINGS.
specification, at the Brief Description of the Drawings,	37 CFR 1.84(t)
must likewise be changed.	Sheets not numbered consecutively, and in Arabi
Views not labeled separately or properly.	numbers beginning with number 1. Sheet(s)
Fig(s)	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)	Views not numbered consecutively, and in Arabi
Sectional designation should be noted with	numerals, beginning with number 1. Fig(s)
Arabic or Roman numbers. Fig(s)	16. DESIGN DRAWINGS. 37 CFR 1.152
	Surface shading shown not appropriate.
	Fig(s)
	Solid black surface shading is not permitted exce
	when used to represent the color black as well as
COMMENTS:	color contrast. Fig(s)
COMMENTS:	
	/
	1 /
viewer	Data 8/11/06
you have questions, call (701) 305-8404.	Attachment to Paper No.
OU DAVE OUESHORS CHILL/ULL #UN-XALIA	Attachment to Paker No. I.